1. Record Nr. UNINA9910974052903321

Titolo	Learning and teaching writing online : strategies for success / / Edited by Mary Deane, Teresa Guasch
Pubbl/distr/stampa	Leiden ; ; Boston : , : Brill, , [2015]
ISBN	9789004290846 9004290842
Edizione	[1st ed.]
Descrizione fisica	1 online resource (209 p.)
Collana	Studies in Writing ; ; 29
Altri autori (Persone)	DeaneMary <1975-> GuaschTeresa
Disciplina	808/.0420785
Soggetti	English language - Rhetoric - Computer-assisted instruction English language - Rhetoric - Study and teaching English language - Composition and exercises - Computer-assisted instruction Report writing - Computer-assisted instruction Electronic portfolios in education Multimedia systems Distance education - Computer-assisted instruction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Front Matter / Mary Deane and Teresa Guasch -- Introductory Chapter. Learning and Teaching Writing Online / Mary Deane and Teresa Guasch -- Collaborative Writing Online: Unravelling the Feedback Process / Teresa Guasch and Anna Espasa -- Automated Feedback in a Blended Learning Environment: Student Experience and Development / Damian Finnegan , Asko Kauppinen and Anna Wärnsby -- Singular Asynchronous Writing Tutorials: A Pedagogy of Text-Bound Dialogue / Dimitar Angelov and Lisa Ganobcsik-Williams -- Learning to Think and Write Together: Collaborative Synthesis Writing, Supported by a Script and a Video-based Model / Carola Strobl -- Online Collaborative Writing as a Learning Tool in Higher Education / Teresa Mauri and Javier Onrubia -- Freewriting Reprogrammed: Adapting Freewriting to Online Writing Courses / Patty Wilde and Erin Wecker -- The Experience of an Online University Course for Learning Written Communication

	Skills in ICT Studies / Maria-Jesús Marco-Galindo , Joan-Antoni Pastor-Collado and Rafael Macau-Nadal -- Engaging Students in Online Learning Environments for Success in Academic Writing in the Disciplines / Helen Drury and Pam Mort -- Interrogating Online Writing Instruction / Scott Warnock -- Writing Pedagogy in Online Settings—A Widening of Dialogic Space? / Olga Dysthe -- Indexes / Mary Deane and Teresa Guasch.
Sommario/riassunto	Learning and Teaching Writing Online: Strategies for Success takes a fresh look at the challenge of supporting writers online, and reports on research from around the world to offer a range of learning and teaching strategies. The main themes are feedback in online environments, collaboration through online environments, and course design for online environments. This book is designed for higher education practitioners who are interested in exploring pedagogic approaches for giving feedback and supporting collaborative writing online. It will also appeal to researchers of writing development and technology enhanced learning.

2.

Record Nr.	UNINA9911057013603321
Autore	Salim Mohd Azli
Titolo	Nanotechnology in Conductive Inks : Physical Performance Under Dynamic Mechanical Loading / / by Mohd Azli Salim, Chonlatee Photong, Norhisham Ismail
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2026
ISBN	981-9557-08-9
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (347 pages)
Collana	Engineering Materials, , 1868-1212
Disciplina	530.41 620.115
Soggetti	Nanoscience Chemistry Nanoparticles Biomedical engineering Condensed matter Composite materials Nanophysics Nanoparticle Synthesis Biomedical Devices and Instrumentation Two-dimensional Materials Composites

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	INTRODUCTION TO NANOCOMPOSITE CONDUCTIVE INKS FOR WEARABLE ELECTRONICS -- REVIEW OF MATERIALS, PRINTING TECHNIQUES, AND TESTING OF CONDUCTIVE INKS -- MATERIALS, FABRICATION, AND TESTING OF NANOCOMPOSITE CONDUCTIVE INK -- CHARACTERIZATION AND PERFORMANCE ANALYSIS OF PATTERNED GNP AND CB CONDUCTIVE INKS -- CONCLUSION AND CHALLENGES.
Sommario/riassunto	This book highlights the electrical, mechanical, and material characteristics of graphene nanoplatelet (GNP) and carbon black (CB) nanocomposite conductive inks, developed for wearable electronics. These inks were printed on flexible substrates using four distinct patterns—straight, curved, square, and zigzag—and tested under cyclic bending, tensile, and torsional stress to simulate real-world wear and movement. An optimized ink formulation is introduced, reducing nanoparticle content to 20 wt.% GNP and 25 wt.% CB without compromising performance. This improved blend demonstrates enhanced conductivity and mechanical integrity. Among the tested patterns, the curved configuration consistently yielded the lowest resistivity and highest reliability, showcasing superior adaptability under deformation. While GNP-based inks revealed higher hardness and elastic modulus, they also exhibited increased brittleness, with failure occurring before 10,000 loading cycles. The study emphasizes the critical balance between durability and flexibility in the design of nanomaterial-based conductive inks. These findings offer valuable insights for advancing flexible, wearable electronic devices by tailoring material formulations and structural designs to meet specific application demands.